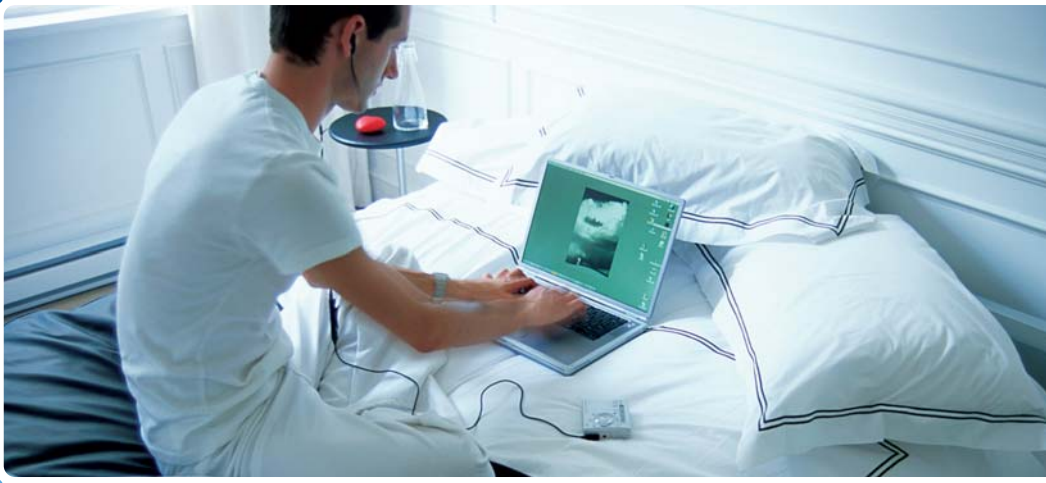
ZyXEL



Latest Wireless N 3G Router Optimizes Network Mobility

- Advanced Wireless N Technology to Upgrade the Data Transfer Rate of Up to 150 Mbps*
- Compact Design for Maximum Mobility
- Easy to Share 3G/3.5G Broadband Anywhere
- Use Either 3G/3.5G or Ethernet WAN to Access Internet
- QoS Enhances User Experiences on Multimedia Streaming
- Eco-friendly Wireless Scheduling Saves Energy
- WPS Button for Quick and Easy Wireless Security Setup
- Secure Wireless Communications by WEP/WPA/WPA2

Benefits

Next-Generation Wireless Performance

The ZyXEL NBG4115 Wireless N-lite 3G Router features 802.11n technology to offer a cost-effective solution for users who demand the next-generation network performance. Along with speeds up to three times faster than 802.11g networks, the NBG4115 is also more stable and reliable for wireless data and multimedia streaming and provides better Internet experience. Better yet, it's backward compatible with the existing 802.11b/g networks.

Easy to Share 3G/3.5G Broadband Anywhere

With a 3G/3.5G USB dongle connected, the NBG4115 offers flexibility for mobile Internet access. Telecommuters who frequently travel among headquarters, branch offices and homes can easily share the 3G/3.5G wireless network anywhere within the cellular signal coverage. The NBG4115 also provides temporary Internet access to places like events or exhibition booths. Without complicated network deployment, users can quickly access the Internet through Ethernet cable or wireless connections.

Use Either 3G/3.5G or Ethernet WAN to Access Internet

In addition to the built-in USB interface for a 3G dongle, the NBG4115 features one Ethernet WAN port for the alternative of Internet access. Without any configuration required, the NBG4115 can offer you the flexibility to share either a 3G/3.5G connection or a xDSL/Cable connection with all users in your network when either connection is available.

QoS Enhances User Experience on Multimedia Streaming

With Wi-Fi Multimedia (WMM) technology, by automatically prioritizing different types of network traffics to optimal performance, the NBG4115 can enhance users' experiences for audio, video and voice applications over wireless networks. The configurable QoS ensures smooth delivery of gaming, video streaming, VoIP and downloading, so your most important activities receive the priority you set.

NBG4115
Wireless N-lite 3G Router

NBG4115

Wireless N-lite 3G Router

Easy Setup with Wi-Fi Protected Setup (WPS)

Equipped with a Wi-Fi Protected Setup (WPS) push button, establishing a secure wireless network could not be easier. The WPS takes only a few seconds to set up a secure wireless network without any complicated procedure. Instead of entering a pass phrase, users can authenticate a new device on the network by simply pressing a button or by entering an automatically generated PIN code.

Enhanced Security with WEP, WPA/WPA2 and Firewall

64/128-bit WEP, and WPA/WPA2 are supported to provide stringent protection for wireless transmissions. In addition, the NBG4115 is equipped with firewall features including Network Address Translation (NAT), Stateful Packet Inspection (SPI), VPN Pass-through (IPSec, PPTP, & L2TP) to prevent attacks from the Internet.

Specifications

System Specifications

WLAN Feature
- 802.11b/g and compliant with 802.11n draft
- AP mode
- Auto channel scan
- Wi-Fi Multimedia (WMM)
- Wi-Fi Protected Setup (WPS)
- Wireless security: 64/128 bit WEP, WPA/WPA2
- Mac address filtering
- Wireless scheduling
- Output power management
- Intra-BSS traffic block

Support 3G/3.5G USB Dongle
- WCDMA, HSDPA, CDMA2000 & TD-SCDMA

IP Routing
- NAT (NAT session: 16000)
- DHCP server on LAN
- DHCP client on WAN
- IGMP v1/v2
- DDNS

VPN Passthrough
- IPSec
- PPTP
- L2TP

Firewall
- SPI
- DOS
- ICMP blocking

Hardware Specifications

- LAN: Two 10/100 Mbps Ethernet RJ-45 connectors with auto MDI/MDIX support
- WAN:
  - One 10/100 Mbps Ethernet RJ-45 connector with auto MDI/MDIX support
  - One USB 2.0 port for 3G USB dongle
- One 2 dBi external detachable dipole antenna
- WPS push button
- Reset button
- Power: DC 12 V, 1.25 A

Physical Specifications

- Item weight: 190 g (0.42 lb)
- Item dimensions:
  140 (W) x 110 (D) x 30 (H) mm
  (5.51 (W) x 4.33 (D) x 1.18 (H) inch)
- Packing weight: 700 g (1.54 lb)
- Packing dimensions:
  247 (W) x 155 (D) x 61 (H) mm
  (9.72 (W) x 6.1 (D) x 2.4 (H) inch)

Environmental Specifications

- Operating environmental:
  - Temperature: 0°C ~ 40°C/32°F ~ 104°F
  - Humidity: 20% ~ 90% (Non-condensing)
- Storage environmental:
  - Temperature: -30°C ~ 70°C/-22°F ~ 158°F
  - Humidity: 20% ~ 95% (Non-condensing)

Certification

- Safety: CE LVD
- EMC: CE, FCC, IC, NCC
- Others: Wi-Fi 11b/g, WMM, WPS, Vista Baseline

Package Content

- Wireless 3G Router
- One removable antenna
- Power adapter
- Ethernet cable
- Quick start guide
- Support CD
- Warranty card

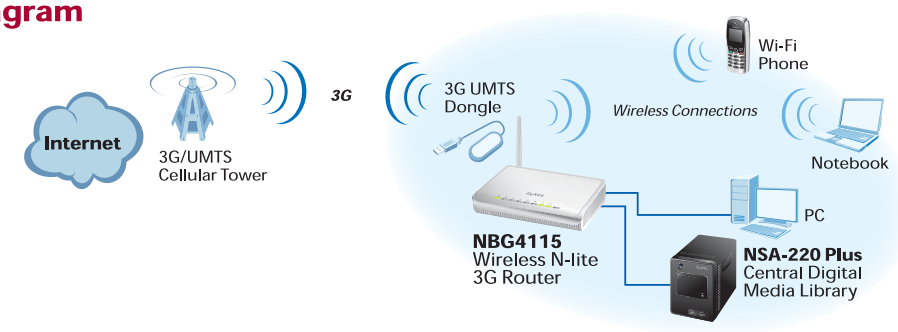
* *The theoretical maximum data transfer rate is 150 Mbps. The actual data transfer rate will vary depending on the network environment.*

Compatible 3G USB Dongles*

Manufacturer	Model		Manufacturer	Model	Manufacturer	Model	Manufacturer	Model
Huawei	E169G (E169)	E220	**BandRich**	C100S	**Option**	ICON 225 (GIO 225)	**ZTE**	MF626
	E170	E270		C120		GlobeSurfer iCON 7.2		K3565-Z
	E172	E272		C270	**Sony Ericsson**	MD300		K3520-Z
	E176	K3565	**Sierra**	Aircard 888U (Aircard 888)				MF627

* *The above list is subject to change. For a complete and updated list please visit www.ZyXEL.com.*

Application Diagram



For more product information, visit us on the web at www.ZyXEL.com

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